



**PUBLISHED BY AUTHORITY**

**SIMLA, SATURDAY, DECEMBER 6, 1958 (AGRAHAYANA 15, 1880)**

Separate paging is given to this Part in order that it may be filed as a separate compilation

## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 6th December 1958

##### Special Notice

The following Group of Abridgments of Patent Specifications has been published and copies thereof are available for sale with the Manager of Publications, Civil Lines, Delhi at Re. 1 per copy.

Copies are also available for sale at the Counter of the Government of India Book Depot, 8, Hastings Street, Calcutta, on cash payment.

##### Group XIV — Food production.

(Containing Abridgments of Patent Specifications between Nos. 30,001 and 35,000).

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Group X — Cellulose (non-fibrous) and derivatives thereof (including artificial filaments, sheets made from cellulose, protein and like solutions).

(Containing Abridgments of Patent Specifications between No. 30,001 and 35,000).

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

20th November 1958

- 65882. R. P. Nair and N. G. Tampi. Improved coventry die.
- 65883. R. H. Mistry. For improvements in and relating to brassiers.
- 65884. NSU-Werke Aktiengesellschaft and F. Wankel. Rotary-piston internal combustion engine.
- 65885. A. B. Gronberg. A device for cutting straw, green fodder and the like into pieces, said device co-operating with a conveyer fan.
- 65886. Frimatic Camps & Cie. A tray mainly designed for refrigerators.
- 65887. M. R. Fields. Improvements in or relating to bottle closures.
- 65888. McGraw-Edison Company. Electrostatic filter.

21st November 1958

- 65889. P. B. Menon. Contact-less starter for alternating current fluorescent tubes.
- 65890. Council of Scientific and Industrial Research. A method for the conversion of higher tar-acids to phenols.
- 65891. Council of Scientific and Industrial Research. A new method for production of high speed diesel oil from coal tar and tar fractions.
- 65892. Cilag Limited. Process for the production of new sulfonyl ureas.
- 65893. Societe D'etudes Et De Participations Eau, Gaz, Electricite, Energie, S.A. Control means for free-piston or semi-free-piston engines.
- 65894. Stamicarbon N.V. Preparation of calcium carbide in a shaft furnace.
- 65895. Montecatini Societa Generale Per L'Industria Mineraria E Chimica and K. Ziegler. Process for shaping isotactic polystyrene and relative articles.
- 65896. Consortium Fur Elektrochemische Industri G.m.b.H. Process for the manufacture of carbonyl compounds. (2nd September 1958).

22nd November 1958

- 65897. Union Carbide Corporation. Pigmented polyethylene Composition and process therefor.
- 65898. Union Carbide Corporation. Polyethylene Composition pigmented with carbon black.
- 65899. Societe Anonyme Des Manufactures Des Glaces Et Produits Chimiques De Saint-Gobain. Chauny & Cirey. A product having a glass base and processes for the manufacture thereof.
- 65900. Standard Telephones and Cables Limited. Improvements in or relating to code converting arrangements for pulse code modulation systems. (27th March 1958). [Addition to No. 62492.]
- 65901. Montecatini Societa Generale Per L'Industria Mineraria E Chimica and K. Ziegler. Method of purifying solid high molecular weight polymers of alpha-olefins, prepared with catalysts on the basis of metallic compounds.
- 65902. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improved elastomeric products.
- 65903. United Kingdom Atomic Energy Authority. Improvements in or relating to distillation processes. (25th November 1957).
- 65904. Aluminium Laboratories Limited. Continuous anodizing of aluminium. (26th November 1957).
- 65905. Commissariat A L'Energie Atomique. Method and device for arc welding.
- 65906. Farbenfabriken Bayer Aktiengesellschaft. Novel dyestuffs. (2nd October 1958).

24th November 1958

65907. Inventa A.G. Fur Forschung Und Patentverwertung. Improvements relating to storage properties of granular urea.
65908. N. V. De Bataafsche Petroleum Maatschappij. Process for the polymerisation of olefins.
95909. N. V. De Bataafsche Petroleum Maatschappij. Treatment of hydrocarbon fuels.
65910. Benjamin Foster Company. Improvements in or relating to mastics. (31st July 1958).
65911. Dorr-Oliver Incorporated. Water driven clarifier. (26th November 1957).
65912. Merck & Co., Inc. Dihydro compounds.
65913. J. P. Kulkarni. A water lifting machine.
65914. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of polyene carboxylic acids and esters thereof. (28th August 1958).
65915. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Cyclization process.
65916. Egyesult Gyogyszer Es Tapszergyar. Process for the separation of optically active isomers.
65917. W. Noble and F. H. Clews. Improvements in pipe joints.
65918. Joy Manufacturing Company. Power operated steering mechanism for six-wheel articulated shuttle car.
65919. Joy Manufacturing Company. Low height shuttle car.
65920. Joy Manufacturing Company. Cross equalizing suspension for shuttle car wheels.
65921. Joy Manufacturing Company. Separating device.
65922. Montecatini Societa Generale Per L'Industria Mineraria E Chimica and K. Ziegler. Method and apparatus for improving the mechanical characteristics of thermoplastic films.

25th November 1958

65923. G. W. Ruparel. An improved washing machine or the like.
65924. A. Thomas. Apparatus for the treatment of liquids through a membrane.
65925. Rohm & Haas Company. Method for producing a coating composition adapted to produce improved, clear, glossy coatings and method for preparing the same.
65926. Fords (Finsbury) Limited and L. C. Snelling (London) Limited. Improvements in or relating to closing and sealing bottles and other receptacles. (12th November 1956). [Divisional date 2nd July 1957.] [Addition to No. 60963]
65927. The General Electric Company Limited. Improvements in or relating to circuit arrangements for operating low pressure electric discharge lamps. (12th December 1958). [Addition to No. 64928.]
65928. Imperial Chemical Industries Limited. Polymerisation catalysts. (6th December 1957).
65929. R. B. Panach. A device for fitting metal rims or tyres on vehicles.
65930. D. M. King. Improvements in or relating to chain guards for electrically operated hoist pulley blocks. (26th November 1957).
65931. UCLAF. Improvements in or relating to organic compounds.
65932. UCLAF. Improvements in or relating to organic compounds.
65933. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of heterocyclic substituted morphinanes.
65934. The Gas Council. Improvements in and relating to the discharge of molten ash from solid fuel consuming appliances.
65935. The Gas Council. Improvements in and relating to the discharge of molten ash from gasification generators. (28th November 1957).
65936. Ciba Limited. New secondary amines and process for their manufacture.

65937. Commercial Bureau. Improvements relating to flexible micanite insulating tape.

26th November 1958

65938. The English Electric Company Limited. Improvements in or relating to the construction of electrical bushings. (9th December 1957).
65939. KLOCKNER-HUMBOLDT-DEUTZ Aktiengesellschaft. Apparatus for heating fine-granular material, particularly cement raw material. (28th September 1958).
65940. COMMISSIONARIA FARMACEUTICA MILANESE CFM S.r.l. 4-nor-butyl-2-phenyl-pyrazolidine-3:5 diones and the preparation thereof.
65941. K. SUGA. Method of utilising combustion heat of the coal of low quality. (23rd December 1957).

**Alteration of Date**

61716. The claim to priority date 24th September 1956 has been abandoned and the application dated as of 12th September 1957, the date of filing in India.
62707. The claim to priority date 31st December 1956 has been abandoned and the application, dated as of 30th December 1957, the date of filing in India.
64657. Ante-dated to 25th June 1957 under Section 5 of the Act.
65292. Ante-dated to 2nd April 1957 under Section 5 of the Act.
65540. Ante-dated to 4th April 1957 under Section 5 of the Act.

**Applications Accepted**

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

59919. V. Svatek. A process of producing sounding boards for stringed musical instruments. Accepted on 26th November 1958.

*Wood blank of two or more parts predried below saturation point of fibres, melted on both sides where deformation is expected and at the rims and then introduced into preheated mould where it is pressure moulded at a temperature of 15°C or above.*

60080. Merck & Co., Inc. Esters of novobiocin and process of preparing the same. (25th June 1956). Accepted on 25th November 1958.

*Novobiocin is reacted with a carboxylic acid acylating agent.*

60168. POLYSIUS G.m.b.H. Method of and apparatus for cooling clinker. Accepted on 20th November 1958.

*Space above the upper level of the travelling grate is subdivided into a plurality of zones.*

60182. The Dow Chemical Company. Dye-receptive compositions of acrylonitrile polymers and method for preparing same. Accepted on 24th November 1958.

*Having incorporated therein minor proportion of vinyl lactum polymer.*

60351. J. Poudevigne. Improvements in or relating to metal casting. Accepted on 21st November 1958.  
*Maintaining infused state, by a source of heat, the excess metal necessary to complete the filling of the mold and subjecting the fused metal to an applied and pre-determined pressure.*
60357. Rohm & Haas Company. Plant growth regulating composition. Accepted on 25th November 1958.  
*Comprising 2, 3-dichloro-isobutyric acid or its water-soluble salts and inert carrier.*
60396. Les Usines De Melle. Process for separating constituents of mixtures containing carbonyl compounds and the corresponding alcohols. Accepted on 25th November 1958.  
*A mixture of condensate and washing liquid is fed to a first distilling column to which an amount of heat sufficient to provide for removal of volatile products is furnished.*
60591. The Firestone Tire and Rubber Company. Tire rim for a tubeless pneumatic tire. (30th April 1957). Accepted on 24th November 1958.  
*Tire bead contact surfaces of seats slope radially and axially inwardly in same general direction toward the demounting side of rim.*
60612. S. Ramanujam and A. Ramamurthy. Emulsions of cashew nut shell liquid resins and polymerised cashew nut shell liquid. Accepted on 24th November 1958.  
*Oil in water emulsions are made by dispersing the film forming material either (1) in an aqueous slurry of bentonite and/or tannin with or without formalin or (2) in an aqueous phase with or without an acid containing a surface active agent and an organic liquid blending agent.*
60621. Imperial Chemical Industries Limited. Process for the manufacture of indole derivatives. Accepted on 24th November 1958.  
*Reacting an acylated oxindole with 5-nitro-2-furaldehyde.*
60631. U. S. Vitamin Corporation. Biguanide compositions. Accepted on 26th November 1958.  
*The composition comprises a substituted biguanide and a pharmaceutical carrier.*
60640. Metallurgical Processes Limited, and The National Smelting Company Limited. Improvements in or relating to the condensing of zinc in liquid form from zinc vapour. (8th June 1956). Accepted on 21st November 1958.  
*Means are provided for withdrawing dross from the interior of the condenser by means of a conveyor inclined upwardly and rising above the liquid metal surface in the condenser.*
60641. Metallurgical Processes Limited, and The National Smelting Company Limited. Improvements in or relating to the transfer of zinc vapour from a furnace to a condenser. 13th June 1956. Accepted on 21st November 1958.  
*Smelting zinciferous materials in a blast furnace to produce a gas containing zinc vapour, carbon monoxide and carbon dioxide, condensing zinc metal from the said gas, the surface of the charge in the furnace is maintained at a temperature such that the gas leave the charge below the equilibrium temperature.*
60661. Babcock & Wilcox Limited. Improvements in fuel burners. Accepted on 24th November 1958.  
*Fuel burner with a chamber having a currlinear peripheral wall are provided with deflecting means within the chamber for deflecting portion of primary air and fuel stream to effect uniform distribution of the fuel circumferentially of the nozzle.*
60666. Maschinenfabrik Buckau R. Wolf A.G. Apparatus for extraction of juice from sugar cane. Accepted on 20th November 1958.  
*Centrifuge connected at the outlet of usual diffusion apparatus substantially removes the unextracted juice from sugarcane or bagasse.*
60742. E. I. Du Pont De Nemours and Company. Modified polyesters. Accepted on 20th November 1958.  
*Incorporating up to 50 per cent of one or more compounds containing at least one ester-forming functional group and at least one sulphonate group, in the form of a metallic salt in the reaction mass prior to completion to the synthesis of the basic polyester to be modified.*
60756. National Research Development Corporation. Apparatus for separating groundnuts or the like from the fruit bearing portions of the parent plants. Accepted on 21st November 1958.  
*Conveying fruit plant between wherein two parts one part is rotating heater having ribs to heat thereupon.*
60797. N. V. De Bataafsche Petroleum Maatschappij. Thixotropic lubricating oil compositions suitable for coating air filters. Accepted on 22nd November 1958.  
*Comprising a mineral lubricating oil and 0.5-3 per cent of a water-resistant aminated oleophilic clay treated with a phosphorous containing acid, 0.5-2 per cent of an alkylene glycol or an ether thereof and 0.5-5 per cent of an oil-soluble hydrocarbon polymer.*
60908. Heinrich Koppers Gesellschaft mit beschränkter Haftung. Plant for hydro-refining crude benzene or mixtures of other low boiling point hydrocarbons. Accepted on 26th November 1958.  
*Parts of refining plant coming in contact with vapourised hydrocarbon and hydrogen containing gas, are made of 1 per cent chromium steel which has a coating of zinc by dipping.*
60947. British Nylon Spinners Limited. Improvements relating to the electrical measurement of a physical state of a thread or the like and to the control of the extrusion of a thread of uniform device thereby. Accepted on 26th November 1958.  
*Comprising means causing reciprocating movement between thread holding means and electrodes of condenser a circuit with a condenser to detect capacity changed due to cyclical insertion of a thread supported by thread holding means a rectifier and means to record its output and/or use it to control physical state of thread.*
60984. Ciba Limited. Process for the manufacture of active substances from orchid tubers, and pharmaceutical preparations containing such active substances. Accepted on 20th November 1958.  
*Incubating orchid tubers with fungi *Rhizoctonia repens* Bern, extracting with organic solvent, removing sand and extracting residue with water-immiscible solvent.*
61049. Chas. Pfizer & Co. Inc. Oleandomycin polyacyl derivatives and the preparation thereof. Accepted on 21st November 1958.  
*Oleandomycin is contacted with an acylating agency and, if desired the product is treated with a primary alkanol.*
61073. D. Napier & Son Limited. Improvements in or relating to electrically heated de-icing or anti-freezing apparatus and aircraft parts embodying such apparatus. (16th July 1956). [Addition to No. 53657.] Accepted on 26th November 1958.  
*Applying electric conducting material to base insulator by metal spraying, applying outer insulating layer of electric insulating thermosetting plastic in liquid form over metal layer, liquid plastic being associated with one layer of textile fabric.*
61082. E. Merck Aktiengesellschaft. Process for seed treatment. Accepted on 25th November 1958.  
*By contacting infected seeds with liquid methanol which may contain up to 40 per cent by weight of water or other inert diluent and also may contain any other seed disinfectant.*
61135. Griffin Wheel Company. Improvements in pressure casting apparatus. Accepted on 26th November 1958.  
*Air is permitted to leak from the atmosphere into the gate member above the tube to break any vacuum existing in the gate member and the tube after the communication of the gate member with the cavity of the mold has been closed.*

61136. Griffin Wheel Company. Improvements in pressure casting apparatus. Accepted on 26th November 1958.
- Pouring tube supported in an aperture in a wall of the air-tight metal container by a mounting capable of adjustment so as to permit regulation of the angle of the longitudinal axis of the tube to the vertical.*
61292. Signode Steel Strapping Company. Power strapping machine. Accepted on 26th November 1958.
- Reversible strap feeding and tensioning means for feeding the strapping through guiding means for with drawing the strapping to shrink it closely about the bundle and to apply a tension.*
61431. Ciba Limited. Process for dyeing polyhydroxylated materials and preparations suitable therefor. Accepted on 25th November 1958.
- Using water-soluble organic dyestuff which contains at least one acid group and at least one monohalogenated triazine residue and the fixing the dye on the material with acid-binding agent.*
61545. Merck & Co., Inc. A process for the preparation of steroid 21-phosphates. Accepted on 25th November 1958.
- A 21-halocompound is reacted with a silver phosphate-phosphoric acid mixture.*
61549. Coal Industry (Patents) Limited. Improvements in and relating to presses. (4th September 1956). Accepted on 25th November 1958.
- Inner plunger is movably arranged in a plunger guide body.*
61562. Merck & Co., Inc. Process for preparing 17, 21-oxides of pregnadienes. Accepted on 25th November 1958.
- 21-halo-17-hydroxy steroid compounds are reacted with a silver salt silver oxide or silver hydroxide.*
61563. Merck & Co., Inc. Process for preparing 17, 21-oxides of pregnenes. Accepted on 25th November 1958.
- 21-halogen substituted steroids are reacted with a silver salt, oxide or hydroxide and pregnene-17  $\alpha$ , 21-oxides are recovered.*
61700. Ciba Limited. Process for the manufacture of new thioparabanic acid derivatives. Accepted on 25th November 1958.
- A substituted thiourea is reacted with oxalic acid or an iminothiazolidone is oxidized.*
61716. Bristol Laboratories Inc. Antibiotic production. Accepted on 25th November 1958.
- Cultivating C159 producing strain of streptomyces canus under aerobic condition.*
61731. Ciba Limited. New azodyestuffs and process for their manufacture and application. Accepted on 26th November 1958.
- 2:4:6-trihalogen-1:3:5-triazine is reacted on one hand with an aminoazo dyestuff and on the other hand with ammonia or an amine.*
61734. Libbey-Owens-Ford Glass Company. Method and apparatus for bending and cutting glass sheets. Accepted on 21st November 1958.
- Heating and bending a blank size glass sheet into conformity with the shaping surfaces of a mold, marking the bent sheet and moving the glass scoring tool in contact with the glass sheet to score sheet to pattern outline.*
61831. Ciba Limited. New vat dyestuffs of the acedianthrone series a process for their manufacture, and their application for dyeing or printing cellulose textile material. Accepted on 26th November 1958.
- Wherein compounds obtained by condensation of the anthrones with glyoxal, are treated with agents which effect closure to the acedianthrone.*
61916. C. F. Boehringer & Soehne G.m.b.H. A process for the production of threo-1-nitrophenyl-2-acylamino-propanediols-1, 3 or their O<sub>2</sub>-acyl derivatives. (13th June 1957). Accepted on 25th November 1958.
- Threo-1-phenyl-2-amino-propanediols-1, 3 are treated at temperatures below 40°C in the presence of halogenated hydrocarbons melting below this temperature with nitrating agents.*
62273. S. Khaitan. Improvements in or relating to yarn carrying bobbins for machines for spinning, twisting or doubling fibrous materials. [Addition to No. 55160.] Accepted on 20th November 1958.
- Providing a bush in the end of the spindle hole at the base of the bobbin.*
62274. S. Khaitan. Improvements in or relating to yarn carrying bobbins for machines for spinning, twisting or doubling fibrous materials. [Addition to No. 55161.] Accepted on 20th November 1958.
- The bobbin is provided with a bush in the end of the spindle hole at the head of the bobbin.*
62285. Mac & Lai Company (Malaya) Limited. Improvements in or relating to the preparation of latex rubber. (26th June 1957). Accepted on 26th November 1958.
- By diluting raw latex with water, adding a known coagulant and an additive comprising paranitrophenol, formic acid, oxalic acid and formaldehyde.*
62348. Indian Council of Agricultural Research. A process of preparation of fat liquors from an indigenous non-edible oil. Accepted on 24th November 1958.
- Pongam oil is sulphated and if desired blended with fatty oil/mineral oil or other fat liquors.*
62428. Indian Oxygen Limited, formerly known as The Indian Oxygen & Acetylene Company Private Limited. Improvements in or relating to electric arc welding torches. (29th November 1956). Accepted on 26th November 1958.
- Means are provided for guiding a consumable electrode generally longitudinally of the handle and deflecting electrode through nozzle to the welding zone, conduit means and conductor means for feeding gas and conveying current.*
62429. Indian Oxygen Limited, formerly known as The Indian Oxygen and Acetylene Company Private Limited. A continuous process for refining molten iron. (30th November 1956). Accepted on 26th November 1958.
- Permitting falling of molten iron in the form of plurality of fine streams or droplets in counter-current contact with a stream of oxygen or oxygen diluted with inert gas.*
62605. Inland Steel Company. Iron ore reduction process. Accepted on 21st November 1958.
- The ash-free cooled reducing gases are passed through heat exchange zone in indirect heat exchange relationship with the elevated temperature reducing gases and thereby reheating the reducing gases to 900°—1800°F and contacting these gases with sub-divided iron oxide ore.*
62607. Inland Steel Company. Iron ore reduction process. Accepted on 21st November 1958.
- Sub-divided iron ore is contacted in a reducing zone with a reducing gas and effluent solids, maintaining a constant heat input to the hearth zone and regulating the transfer rate of solids from the reducing zone to the hearth zone.*
62629. Simmonds Aerocessories Limited. Improvements relating to abrading tools. (21st December 1956). Accepted on 26th November 1958.
- Cutting area being annular and divided on more or less radial planes into a series of cutting sections each provided by a portion of strip or sheet.*

62692. N. V. De Bataafsche Petroleum Maatschappij. Process for the removal of water from steam-stripped liquid hydrocarbon oil distillates. Accepted on 25th November 1958.

*Wherein the moist distillate is introduced at a temperature between 100°C and 400°C into an unheated vapour liquid separation zone where it remains for at least 30 seconds in a relatively thin layer.*

62703. Sterling Drug Inc. Process for preparing a 6-methoxy-8-(substituted)-aminoquinoline or an acid addition salt thereof. Accepted on 25th November 1958.

*6-methoxy-8-aminoquinoline is heated with a 5-n-propylaminopentyl halide hydrohalide and if desired the free base is reacted with an acid.*

62707. Brotherton & Company Limited. Improvements in or relating to the treatment of hydrated zinc oxide. Accepted on 24th November 1958.

*Impure hydrated zinc oxide is treated with an aqueous solution of a salt of a base having a dissociation constant of between about  $2 \times 10^{-8}$  and  $3 \times 10^{-10}$ .*

62727. Zavody V. I. Lenina, narodni podnik. A Bogie for railway vehicles. Accepted on 26th November 1958.

*Main frame supported on holsters over rockable props and the pivot trunnion being linked to the bogie frame by a spherical bearing displaceable laterally.*

62743. W. Eckhardt Method and apparatus for producing tubular elements or bodies from flat strips. Accepted on 25th November 1958.

*Spirally coiling flat strips solely by moving engagement with inner curved surface of a hollow shaping tool so that curved edges of adjacent portions of the strip engage each other.*

62781. Karnani Metal Fabricators and Electro Depositors. Folding chairs. Accepted on 21st November 1958.

*The back frame member is connected to the inside of the arms rest by a metallic link, the back frame member further connected to the seat frame member by a metallic plate secured to the back frame member, the back and front frames being in turn interconnected by a clamp.*

62831. May & Baker Limited. Improvements in or relating to amines and to processes for their preparation. Accepted on 26th November 1958.

*Reacting 2-alkoxy-4-nitrophenoxide with 5-phenyl pentayl halide.*

62891. Societe Des Usines Chimiques Rhone Poulenc. New phenothiazine derivatives and processes for their preparation. Accepted on 26th November 1958.

*1-[3-(3-halo-10-phenothiazinyl) alkyl] piperazine is reacted with acrylonitrile.*

62939. Council of Scientific And Industrial Research. Improvements in or relating to curing catalyst for the treatment of textile materials with aminoplast resins. Accepted on 26th November 1958.

*Which consists of a product formed from (i) boric acid and (ii) aliphatic poly hydroxy compound having at least three hydroxyl groups.*

63024. Karnani Metal Fabricators and Electro Depositors. Armed Folding Chairs. Accepted on 26th November 1958.

*The back frame is connected by a sliding link on each side to the inner side of the inverted channel shaped arms rest and the back rest is connected to the back frame by a pair of metallic links on each side.*

63033. Lukens Steel Company. Improvements in or relating to composite steel articles and method of making such articles. Accepted on 25th November 1958.

*Comprising cutting in an insert a plurality of grooves which extend parallel to the side edges, terminating the groove cutting operation before reaching the side edges of the inserts assembling the insert in face to face relation with a lacking plate having different coefficient of expansion.*

63075. Creed and Company Limited. Improvements in or relating to facsimile apparatus. (26th February 1957). [Addition to No. 60297]. Accepted on 26th November 1958.

*Any portion of message sheet which is being scanned is maintained in contact with a surface.*

63159. Societe Des Accumulateurs Fixes Et De Traction (societe anonyme). Improvements in alkaline storage batteries. Accepted on 26th November 1958.

*Constituted by parallel finely porous plates, each made of a support of agglomerated metal particles impregnated with respectively positive and negative active material; separators being arranged between said plates.*

63291. Automatic Telephone & Electric Company Limited. Improvements in voice frequency signalling in automatic telephone systems. (26th March 1957). Accepted on 26th November 1958.

*First D. C. impulse derived from a train of incoming voice, frequency impulses serving to take a group selector into use while all the D. C. impulses corresponding to the voice frequency train effecting the vertical setting of the group selector.*

63303. Union Carbide Corporation. Film fastener. Accepted on 20th November 1958.

*Comprises an endless wire having a larger circular loop at one end and a smaller circular loop at the other end, and an elastic ball.*

63312. Robar Products (London) Limited. Improvements in or relating to pressure die-casting. (6th March 1957). Accepted on 25th November 1958.

*After molten material has solidified to form a rigid shell in contact with the mould surface, the remaining unsolidified material is withdrawn from the interior of the shell.*

63374. Indian Oxygen Limited, formerly The Indian Oxygen and Acetylene Company Private Limited. Treatment of molten ferrous material. (11th March 1957). [Addition to No. 62429]. Accepted on 26th November 1958.

*Allowing poured molten material to fall through a reaction space in contact with a stream of oxidising gas.*

63394. Heinrich Koppers Gesellschaft mit beschränkter Haftung. Process for the purification of crude benzene. Accepted on 26th November 1958.

*In the catalytic pressure refining of crude benzene by a mixture of hydrogen, CO and steam gas, the CO contained in the circulating gas is wholly or partially removed after it has been cooled to below 100°C.*

63426. Synthetic Moulders Limited. Improvements in or relating to cones for winding threads. Accepted on 25th November 1958.

*Moulding cones for threads from a mould the core of which exactly represents the spindle portion on which the cone is meant to fit.*

63439. Vitagen Corporation. Coffee concentrate process. Accepted on 22nd November 1958.

*Comprises contacting roast ground coffee with hot water to extract an aqueous concentrate from the same.*

63444. National Malleable and Steel Castings Company. Improvements in or relating to coupling device for railway vehicles. Accepted on 25th November 1958.

*Comprising unlike and alternatively used couplers connected in end-to-end pivoted relationship, one of the couplers normally occupying a rearward operative position with respect to the other.*

63461. Merk & Co., Inc. Process for producing crystalline monosodium novobiocin. Accepted on 26th November 1958.

*Novobiocin acid is dissolved in an organic solvent mixture comprising an alcohol and an aromatic solvent, the solution is treated with sodium methoxide and the monosodium salt is recovered.*

63627. Aktiebolaget Industrikompaniet. Vibrator. Accepted on 20th November 1958.

*Valve body is adapted to be actuated by the movement of the piston through the intermediary of one or several spring members which act on the piston during the whole of its movement.*

63628. J. J. H. M. Hetzier. Apparatus for extracting liquid from liquid-containing material. Accepted on 26th November 1958.

*Curved guide plate with concave surface gradually narrows towards the gap between the rollers, and the guide plate is provided with outlet openings for the liquid.*

63695. Montecatini Societa Generale Per L'Industria Mineraria E Chimica and K. Ziegler. Process for preparing polymers of olefins. Accepted on 26th November 1958.

*Polymerising  $\alpha$ -olefin in a solution of at least one paraffinic hydrocarbon having an atmospheric boiling point of from  $-42$  to  $+0.6^{\circ}\text{C}$*

63769. R. B. Fuller. Geodesic building structure. (21st May 1957). Accepted on 21st November 1958.

*Generally of spherical form having a geodesic three-way grid pattern comprising an assembly of normally flat sheets.*

63815. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing electrically insulating panels having a conductive pattern and panels manufactured by such methods. Accepted on 26th November 1958.

*In which an insulating layer containing a thermosetting resin hardened in part is provided on each side with a metal layer, parts of which in the form the conductive pattern are covered with a protective layer, the parts which are not covered being removed by etching.*

63829. J. H. Ferner & Co. Limited. Improvements in or relating to production of power transmission and conveyor belting. (30th April 1957). [Addition to No. 53579]. Accepted on 25th November 1958.

*The woven fabric has a width which is a multiple of the width or widths of the belting it is woven to produce and the gelled, impregnated woven fabric is cut to form belting of the required width or widths.*

63928. Monsanto Chemicals Limited. Improvements relating to concrete. (7th May 1957). Accepted on 21st November 1958.

*Producing concrete in which moist cement composition containing cement and pellets of a thermo plastic synthetic resin is prepared and allowed to harden.*

63954. The Yale and Towne Manufacturing Company. Lifting mechanism for industrial trucks. Accepted on 21st November 1958.

*Leverage system is mounted for swinging movement to elevate the load carriage.*

63957. The Coppee Company (Great Britain) Limited. Improvements in and relating to apparatus for washing coal, ore or the like. (6th May 1957). Accepted on 21st November 1958.

*Washing or stratifying coal or ore by a device which controls the depth of the shale bed, the device having a shale extractor for removing shale from the bed.*

64142. Joseph Lucas (Industries) Limited. Rotary fuel supplying pumps. (3rd June 1957). Accepted on 24th November 1958.

*Comprising a construction wherein helical or like ducts are provided on the peripheral surface of the armature and a return duct.*

64227. L. LOISEAU. Improvements in self-propelled or towed machines for picking tea leaves. Accepted on 24th November 1958.

*Comprises at least one relatively light plate driven from a self-propelled or towed vehicle; the front end of the plate has cutting device and a container for collecting the cut.*

64263. Casablancas High Draft Company Limited. Improvements in textile fibre drafting mechanisms. (30th July 1957). Accepted on 21st November 1958.

*The roller stand cover incorporates lubricant absorbent pads making light contact with the roller necks.*

64657. Chas. Pfizer & Co. Inc. Pharmaceutical compositions. [Divisional date 25th June 1957]. Accepted on 26th November 1958.

*Comprising 2-(2'-imidazolylmercapto)-pyridine-N-oxide or 2-(2'-tetrahydropyrimidylmercapto) pyridine N-oxide or analogous quinoline N-Oxides together with pharmaceutical carrier.*

64787. National Aluminate Corporation. Preparation of organic lead compounds. Accepted on 24th November 1958.

*Comprises electrolyzing lead anode with anhydrous solution of frignard reagent in an inert organic solvent.*

64960. Sisir Kumar Lahiri. Flasher for lighthouse lamps. Accepted on 25th November 1958.

*Comprising one or more lighthouse lamps or the sound signal apparatus, and a reactor transformer characterised in that the secondary coil of the reactor transformer is provided with a short-circuiting arrangement.*

65292. Merk & Co., Inc. Ethers of novobiocin and process for preparing the same. (25th June 1956). [Divisional date 2nd April 1957]. Accepted on 25th November 1958.

*Novobiocin is reacted with a hydrocarbon halide in the presence of silver oxide.*

65540. Bendz Limited and S. Ackerman. Improvements in or relating to means for connecting pipes and other duct members to each other. [Divisional date 4th April 1957]. Accepted on 26th November 1958.

*Comprising the steps of placing an initially rectilinear length of ductile metal duct in a guide structure which embraces it externally, positioning a flexible or articulated mandrel within the duct.*

#### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from Officer-in-Charge, Government of India, Central Depot, 8, Hastings Street, Calcutta, at two rupees per copy:

55534. 55679. 55938. 56244. 56245. 56248. 56249. 56252. 56272. 56275. 56281. 56300. 56366. 56395. 56433. 56462. 56477. 56529. 56757. 56758. 56777. 56809. 56811. 56818. 56830. 56865. 56915. 56916. 57098. 57110. 57112. 57113. 57129. 57210. 57290. 57429. 57459. 57465. 57509. 57547. 57823. 57862. 57923. 57967. 57987. 58065. 58078. 58106. 58138. 58275. 58334. 58335. 58365. 58366. 58669. 58718. 58720. 59014. 59096. 59184. 59202. 59320. 59812. 59851. 59858.

#### Patents Sealed

51573. 58469. 58470. 58934. 59037. 59129. 59154. 59165. 59180. 59187. 59189. 59207. 59258. 59266. 59303. 59306. 59311. 59421. 59442. 59592. 60004. 60010. 60013. 60017. 60295. 60296. 60391. 60487. 60501. 60595. 60914. 60969. 60979. 61046. 61247. 61289. 61326. 61451. 61461. 61644. 61676. 61719. 61863. 62017. 62073. 62176. 62210. 62249. 62270. 62356. 62455. 62482. 62504. 62589. 62961. 63109. 63139. 63171. 63193. 63194. 63197. 63519. 63534. 63841.

#### Amendment Proceedings

The amendment proposed by Intertype Corporation, in respect of Patent application No. 59134 as advertised in the Gazette of India Part III, Section 2, dated the 16th August 1958 has been allowed.

#### Renewal Fees Paid

26857. 26963. 27036. 27785. 27938. 29012. 31753. 31759. 32696. 33646. 33670. 33699. 33783. 33835. 34184. 34368. 36080. 36217. 36223. 36249. 36334. 36728. 38374. 38618. 38645. 38663. 38693. 38718. 38743. 38778. 38804. 38832. 38834. 38839. 38841. 39084. 39166. 39188. 40528. 40561. 40565. 40566. 40592. 40613. 40627. 40641. 40651. 40686. 40705. 40757. 40995. 41686. 41701. 42236. 42324. 42342. 42390. 42477. 42631. 42649. 42650. 42723. 42925. 43432. 44145. 44146. 44169. 44188. 44189. 44190. 44191. 44195. 44196. 44211. 44244. 44245. 44256. 44264. 44315. 44338. 44339. 44340. 44548. 44551. 44632. 44673. 44677. 44680. 44694. 44833. 46040. 46188. 46189. 46301. 46305. 46320. 46324. 46335. 46343. 46346. 46355. 46356. 46371. 46372. 46394. 46680. 46681. 46747. 46759. 46887. 47175. 47888. 47954. 48325. 48416. 48503. 48510.



48527. 48536. 48541. 48551. 48552. 48553. 48582. 48598. 48649.  
 48663. 48682. 48686. 48710. 48712. 48818. 48821. 48822. 48918.  
 50105. 50106. 50545. 50667. 50737. 50742. 50743. 50744. 50762.  
 50824. 50850. 50882. 50932. 50943. 50955. 50957. 50997. 50998.  
 51106. 51261. 61262. 61283. 61285. 51333. 51334. 51335. 51341.  
 51359. 51360. 51573. 52904. 53002. 53101. 53147. 53214. 53253.  
 53257. 53261. 53264. 53283. 53289. 53358. 53387. 53389. 53398.  
 53421. 53430. 53434. 53438. 53453. 53459. 53491. 53504. 53728.  
 53729. 53743. 53796. 53852. 54095. 54176. 54312. 54334. 54335.  
 54398. 55108. 55147. 55296. 55660. 55901. 56029. 56133. 56175.  
 56457. 56488. 56565.

#### Cessation of Patents

29919. 31334. 33130. 35462. 38037. 38058. 40140. 40142. 41697.  
 41848. 41862. 43669. 45596. 45716. 47881. 47883. 47898. 47899.  
 47924. 49243. 49968. 50068. 50084. 50103. 50114. 52146. 52491.  
 52564. 52571. 52573. 52576. 52581. 52582. 52588. 52596. 52597.  
 53684. 55204. 55228. 55250. 56594.

#### Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent:—

No. 49881—*Master Ali Bux Saval*.

The patent ceased on the 10th July 1957 owing to the non-payment of the renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 19th July 1958. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at The Patent Office, 214, Lower Circular Road, Calcutta 17 on or before the 17th January 1959.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 96000. Indian Zarda Factory, an Indian Business Concern, Gali Parcha. Chowk, Lucknow, Uttar Pradesh, "Box", August 12, 1958.

Class 1. No. 96156. C.W. Godard & Company Limited, 55, Warham Road, South Croydon, Surrey, England, a British Company, "A castor primarily for use with furniture", (13th March 1958), August 25, 1958.

Class 1. No. 96210. Honest Moulding Works, Indian partnership firm, of Variani Bhagol, Surat, Bombay, "Water taps", August 27, 1958.

Class 1. No. 96211. Ivocom Private Ltd., Indian Company, National Insurance Building, 204, Dadabhai Naoroji Road, Fort, Bombay, "Umbrella caps", August 27, 1958.

Class 1. No. 96490. Hiralal Maganlal Kansara, Indian, Haripura, Near Tartia Hanuman, Surat, Bombay, "Pan-daan containers for betel leaves", September 24, 1958.

Class 3. No. 96042. Avtar Singh Galla, of 4/16, W.E.A., Karolbagh, New Delhi 5, India, Indian subject, "Paper cutter", August 14, 1958.

Class 3. No. 96435. United India Agencies of 26 Upper Chitpur Road, Calcutta, State of West Bengal, India, an Indian firm, "Oil can", September 16, 1958.

Class 4. No. 95043. K. B. Singh & Co., Old Railway Road, Jullundur City, Punjab State, proprietary concern, "Latrine", May 13, 1958.

Class 4. No. 95044. K. B. Singh & Co., Old Railway Road, Jullundur City, Punjab State, Indian sole proprietary concern, "Latrine", May 13, 1958.

Class 5. No. 95169. Gobind Ram & Sons, Industrial Area, B, Millerganj, Ludhiana, Indian Partnership Firm, "Carton", May 26, 1958.

Class 13. No. 94788. Cheluka Krishna Iyer Srinivasa Iyer known as Cheluka K. Srinivasa Iyer, trading as Sree Parasakti & Co., at No. 3 Lakshmipuram second Street, Madurai, Madras State, a subject of the Indian Republic, "Saree borders", April 22, 1958.

Class 13. No. 96485. The Victoria Mills Limited, an Indian Company situated at De Lisle Road, Parel, Bombay 13, "Cotton piecegoods", September 22, 1958.

Class 13. No. 96488. The Asoka Mills Ltd., P. B. No. 1050, Naroda Road, Ahmedabad 2, Indian Company, "Cotton textile fabrics", September 23, 1958.

Class 13. No. 96543. H. A. Shah & Co., Partnership Concern, of Vasant Vijay Mills, "Vasant Vijay", 470/471, Worli Road, Bombay 18 (India), "Textile goods", September 30, 1958.

Class 13. No. 96598. Jalan Dyeing & Bleaching Mills, 95, Fergusson Road, Lower Parel, Bombay 13, an Indian Company, "Textile goods", October 3, 1958.

Class 13. Nos. 96835 to 96838. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Balard Pier, Laxmi Building Fort, Bombay, Indian Company, "Textile piecegoods", October 16, 1958.

Class 13. Nos. 96556 to 96569 and 96571 to 96578. The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company of Navsari, Bombay State, "Textile goods", September 30, 1958.

Class 14. Nos. 96555 and 96570. The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company of Navsari, Bombay State, "Textile goods", September 30, 1958.

#### Copyright Extended for a Second Period of Five Years

Design No. 95849, Class I.

Design Nos. 77016, 77474, 77534 & 78139, Class 3.

Design No. 77731, Class 4.

Design Nos. 77586, 78409 & 78410, Class 5.

#### Copyright Extended for a Third Period of Five Years

Design No. 95849, Class I.

Design No. 71180, Class 3.

#### Cancellation of the Registration of Designs

An application has been made by Lal Singh Thakar Singh, for Cancellation of the registration of Design No. 92796 in the name of Anantram Dhiman & Sons.

#### Cancellation of the Registration of Designs

An application has been made by Lal Singh Thakar Singh, for Cancellation of the registration of Design No. 92797 in the name of Anantram Dhiman & Sons.

DR. N. N. CHATTERJEE  
 Controller of Patents & Designs

